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RMA Industry Report

RUBBER MANUFACTURERS ASSOCIATION • 1400 K STREET, N.W. • WASHINGTON, D.C. 20005 • (202) 682-4800

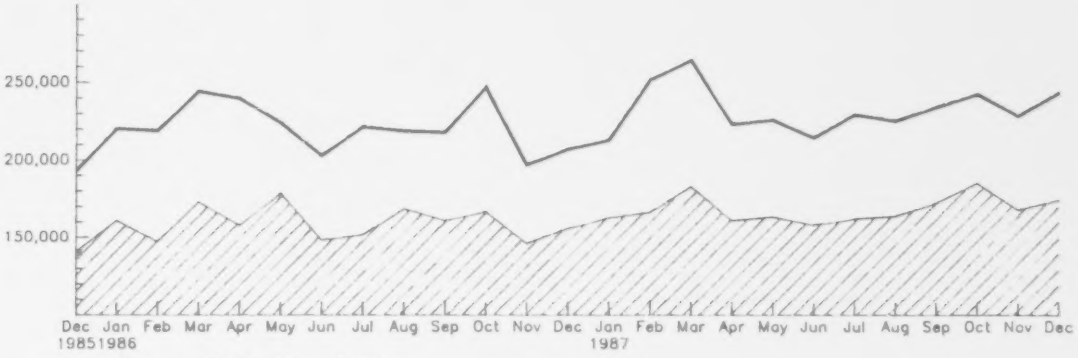
RUBBER CONSUMPTION
MONTHLY REPORT

RMA 2
DECEMBER 1987

This report was compiled by the Rubber Manufacturers Association (RMA) and presents a monthly analysis of production, imports, exports, stocks, and apparent consumption of both natural and synthetic rubber. The procedures used by Management Information Services (MIS) of RMA to compile the data are reviewed annually by the RMA Rubber Statistical Committee which is made up of rubber industry representatives. The categories were selected to conform with the Standard Industrial Classifications (SIC) codes assigned by the the United States Department of Commerce, Bureau of the Census and are so annotated.

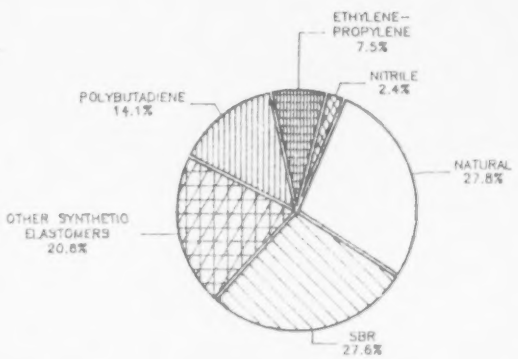
Total consumption for December 1987 is up +17.6% from December 1986, and synthetic consumption is up +11.8%. Please note that 1986 Natural Rubber Apparent Consumption figures include INRO Stocks of 2,392 metric tons for the year. 71.8% of all rubber consumed in 1986 was synthetic, of which almost half was SBR, as shown in the charts below.

MONTHLY TOTAL RUBBER CONSUMPTION – NATURAL & SYNTHETIC


250,000
200,000
150,000
Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec
19851986
1987
Total New Rubber
Synthetic Rubber

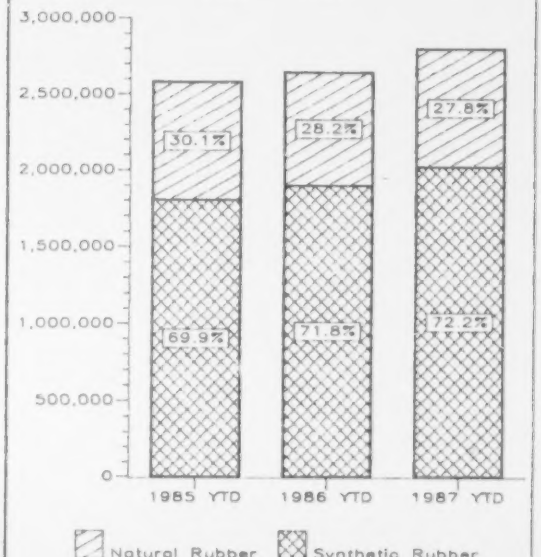
NOTE: NATURAL RUBBER CONSUMPTION IS THE VERTICAL DISTANCE BETWEEN THE CURVES
(Figures in Metric Tons)

1987 RUBBER CONSUMPTION BY TYPE



NOTE: POLYCHLOROPRENE INCLUDED IN OTHER CATEGORY

YTD CONSUMPTION OF NEW RUBBER 1985 – 1987



(Figures in Metric Tons)

MONTH: December 1987

U.S. SIC CODE		December 1987	December 1986	% CHANGE YEARLY	November 1987	% CHANGE MONTHLY	CUMULATIVE 1987	CUMULATIVE 1986	% CHANGE 87 vs 86
	TOTAL NEW RUBBER								
	Beginning Stocks	281,649	260,802	7.99	277,053	1.66			
	New Rubber Available	296,756	252,187	17.67	273,723	8.41	3,275,528	3,037,419	7.84
	Imports	101,935	77,493	31.54	90,779	12.29	1,093,411	1,024,645	6.71
	Exports	32,844	31,971	2.73	43,307	-24.16	491,005	391,891	25.29
	Apparent Consumption	243,452	206,902	17.67	228,183	6.69	2,793,281	2,638,793	5.85
	Ending Stocks	302,109	274,116	10.21	279,286	8.17			
	TOTAL NATURAL RUBBER								
	Beginning Stocks	65,164	35,212	85.06	65,738	-.87			
08490 11	Imports	80,388	56,730	41.70	63,855	25.89	810,824	769,345	5.39
+	Exports	3,714	2,245	65.43	3,500	6.11	36,996	36,473	1.43
08490 13	Stock Pile Deliveries								
	Apparent Consumption	69,379	51,188	35.54	60,625	14.44	775,824	743,563	4.34
	% Total New Rubber	28.49	24.74		26.56		27.77	28.17	
	Ending Stocks	72,459	38,509	88.16	65,468	10.68			
08490 11	NATURAL RUBBER DRY								
	Beginning Stocks	56,115	29,685	89.03	60,566	-7.35			
	Imports	71,833	51,021	40.79	53,153	35.14	730,262	697,250	4.73
	Exports	2,977	1,727	72.38	2,739	8.69	27,339	28,935	-5.52
	Stock Pile Deliveries								
	Apparent Consumption	61,863	47,483	30.28	54,562	13.38	707,247	680,994	3.86
	Ending Stocks	63,108	31,496	100.37	56,418	11.86			
08490 13	NATURAL RUBBER LATEX								
	Beginning Stocks	9,049	5,527	63.72	5,172	74.96			
	Imports	8,555	5,709	49.85	10,702	-20.06	80,562	72,095	11.74
	Exports	737	518	42.28	761	-3.15	9,657	7,538	28.11
	Stock Pile Deliveries								
	Apparent Consumption	7,515	3,706	102.78	6,064	23.93	68,578	62,569	9.60
	Ending Stocks	9,352	7,012	33.37	9,049	3.35			
	TOTAL SYNTHETIC RUBBER								
	Beginning Stocks	216,484	225,590	-4.04	211,315	2.45			
	Production	194,821	174,694	11.52	182,944	6.49	2,182,117	2,012,774	8.41
	Imports	21,547	20,763	3.78	26,924	-19.97	282,587	255,300	10.69
	Exports	29,130	29,726	-2.00	39,807	-26.82	454,009	355,418	27.74
	Apparent Consumption	174,072	155,714	11.79	167,558	3.89	2,017,456	1,895,229	6.45
	% Total New Rubber	71.50	75.25		73.43		72.22	71.82	
	Ending Stocks	229,650	235,607	-2.53	213,818	7.40			
	TOTAL SBR								
	Beginning Stocks	83,380	91,568	-8.94	80,467	3.62			
28220 11 +	Production	77,593	74,189	4.59	73,308	5.85	850,365	791,501	7.44
28220 12	Imports	5,860	6,228	-5.91	9,458	-38.04	83,277	95,843	-13.11
	Exports	13,361	9,743	37.13	16,623	-19.62	172,114	111,713	54.07
	Apparent Consumption	61,337	60,572	1.26	63,213	-2.97	770,813	771,190	-.05
	Ending Stocks	92,135	101,670	-9.38	83,397	10.48			
28220 11	SBR Dry								
	Beginning Stocks	77,488	86,998	-10.93	74,603	3.87			
	Production	74,474	72,222	3.12	70,324	5.90	805,524	751,981	7.12
	Imports	4,363	4,284	1.84	6,671	-34.60	56,516	68,631	-17.65
	Exports	10,493	7,884	33.09	12,206	-14.03	141,705	89,002	59.22
	Apparent Consumption	59,018	57,806	2.10	61,886	-4.63	730,422	727,078	.46
	Ending Stocks	86,814	97,814	-11.25	77,506	12.01			
28220 12	SBR LATEX								
	Beginning Stocks	5,892	4,570	28.93	5,865	.46			
	Production	3,118	1,967	58.52	2,983	4.53	44,841	39,521	13.46
	Imports	1,497	1,944	-22.99	2,787	-46.29	26,761	27,212	-1.66
	Exports	2,868	1,859	54.28	4,417	-35.07	30,409	22,711	33.90
	Apparent Consumption	2,318	2,766	-16.20	1,326	74.81	40,391	44,113	-8.44
	Ending Stocks	5,321	3,856	37.99	5,892	-9.69			

MONTH: December 1987

U.S. SIC CODE		December 1987	December 1986	% CHANGE YEARLY	November 1987	% CHANGE MONTHLY	CUMULATIVE 1987	CUMULATIVE 1986	% CHANGE 87 vs 86
	TOTAL NITRILE								
	Beginning Stocks	14,567	13,074	11.42	14,062	3.59			
28220 41 +	Production	6,741	3,869	74.23	5,714	17.97	68,541	59,309	15.57
28220 42	Imports	1,584	1,290	22.79	1,505	5.25	16,175	12,311	31.39
	Exports	985	987	-.20	1,258	-21.70	13,369	11,915	12.20
	Apparent Consumption	6,598	5,150	28.12	5,456	20.93	68,060	61,501	10.66
	Ending Stocks	15,309	12,096	26.56	14,567	5.09			
28220 50	POLYBUTADIENE								
	Beginning Stocks	34,088	34,638	-1.59	33,030	3.20			
	Production	33,073	30,166	9.64	32,213	2.67	371,349	336,364	10.40
	Imports	6,869	6,404	7.26	6,629	3.62	81,964	60,417	35.66
	Exports	5,188	3,021	71.73	4,592	12.98	60,816	23,708	156.52
	Apparent Consumption	33,423	33,060	1.10	32,965	1.39	394,449	366,814	7.53
	Ending Stocks	35,419	35,127	.83	34,315	3.22			
28220 57	ETHYLENE-PROPYLENE								
	Beginning Stocks	49,697	49,939	-.48	50,702	-1.98			
	Production	22,602	14,729	53.45	20,683	9.28	254,062	229,629	10.64
	Imports	853	135	531.85	768	11.07	7,138	4,460	60.04
	Exports	3,997	3,908	2.28	4,674	-14.48	47,228	45,107	4.70
	Apparent Consumption	18,402	14,502	26.89	17,782	3.49	208,885	186,463	12.02
	Ending Stocks	50,753	46,393	9.40	49,697	2.12			
	BUTYL, POLYISOPRENE, POLYCHLOROPRENE, SILICONE AND OTHER SYNTHETIC ELASTOMERS								
28220 45 +	Beginning Stocks	34,752	36,372	-4.45	33,054	5.14			
28220 60 +	Production	54,812	51,742	5.93	51,026	7.42	637,801	595,971	7.02
28220 72	Imports	6,381	6,706	-4.85	8,564	-25.49	94,033	82,269	14.30
	Exports	5,599	12,067	-53.60	12,660	-55.77	160,482	162,975	-1.53
	Apparent Consumption	54,311	42,432	28.00	48,142	12.81	575,251	509,261	12.96
	Ending Stocks	36,035	40,321	-10.63	31,842	13.17			
Included in 28220 45	Butyl								
	Imports	3,785	3,467	9.17	5,970	-36.60	49,433	50,891	-2.86
	Exports						210		
Included in 28220 45	Polyisoprene								
	Imports	472	1,269	-62.81	409	15.40	10,564	6,458	63.58
	Exports	813	775	4.90	892	-8.86	7,944	5,203	52.68
Included in 28220 45	Polychloroprene								
	Imports	395	833	-52.58	750	-47.33	7,339	5,851	25.43
	Exports	3,566	4,325	-17.55	2,947	21.00	44,737	47,444	-5.71
	IMPORTS OF								
	GUTTA BALATA						54		400.00
	GUTTA PARCHA	1,468	790	85.82	405	262.47	16,953	6,405	164.68
	JELUTONG		40	-100.00	40	-100.00	1,308	1,225	6.78

* Natural Rubber Apparent Consumption figures include INRO Stocks, For your purposes:

Latest INRO STOCK figures available to RMA indicate 2,392MT as of SEP .

RUBBER MANUFACTURERS ASSOCIATION INDUSTRY RUBBER REPORT

This report relies upon a panel composed of approximately seventy-five (75) companies. The monthly consumption reported by these companies is combined with data from the RMA 7 "Synthetic Rubber Producers Report", RMA 200 "Importers Shipments of Natural Rubber Latex Report", and RMA 201 "Natural Rubber Dealers Shipments Report". It is the feeling of the RMA Rubber Statistical Committee that this manner of data collection represents a valid sampling for statistical purposes.

The report presents the following categories for selected rubber types:

BEGINNING STOCKS: Figures are as reported to RMA with only the Butyl, Polyisoprene, Silicone, and Other Synthetic Elastomers containing an estimate based upon the U.S. Government's MA30A annual report. Beginning stock figures may differ from prior month closing stocks due to inventory adjustments.

PRODUCTION: Figures are as reported to RMA with only the Butyl, Polyisoprene, Silicone, and Other Synthetic Elastomers containing an estimate based upon the U.S. Government's MA30A annual report.

IMPORTS: RMA import figures are based upon Tariff Schedules of the United States Annotated (TSUSA) numbers:

Natural Rubber Dry data monitored by RMA are TSUSA Numbers: 446.0544, 446.0548, 446.0552, 446.0556, 446.0560, 446.0564, 446.0568, 446.0572, 446.0576, 446.0580, and 446.0584. The Natural Rubber Latex TSUSA Number monitored by RMA is 446.0540 with Gutta Balata, Gutta-percha, and Jelutong or pontianak derived from TSUSA Numbers 446.0510, 446.0520 and 446.0530.

RMA natural rubber import numbers do not contain TSUSA Numbers: 446.1000 (Natural rubber containing filler, etc.) and 446.1200 (Chlorinated natural rubber).

Synthetic Rubber TSUSA Numbers monitored by RMA are: 446.1539, 446.1571, 446.1576, and 446.1597 (SBR Dry); 446.1535 (SBR Latex); 446.1516 (Polybutadiene); 446.1506 (Butyl); 446.1511 (Nitrile); 446.1531 (Polyisoprene); 446.1526 (Ethylene-propylene); 446.1521 (Polychloroprene); and 446.1533 and 446.1557 (Elastomers).

RMA synthetic rubber import numbers do not contain the following TSUSA Numbers: 446.1544 (Styrene-butadiene containing over 50% styrene); 446.1580 (Silicone); 446.2000 (Reclaimed rubber of all kinds); and 446.3000 (Mixtures of any of the foregoing).

EXPORTS: RMA export figures are based upon the following United States Schedule B Numbers:

Natural Rubber (Dry) export number is 446.0515 and 446.0505 for Natural Rubber (Latex). RMA natural rubber export numbers do not contain Schedule B Numbers 446.1000 and 446.1200.

Synthetic rubber export Schedule B Numbers monitored by RMA are as follows: 446.1541, 446.1571, and 446.1576 (SBR Dry); 446.1536 (SBR Latex); 446.1516 (Polybutadiene); 446.1506 (Butyl); 446.1511 (Nitrile); 446.1531 (Polyisoprene); 446.1526 (Ethylene-Propylene); 446.1521 (Polychloroprene); and 446.1547 and 446.1561 (Elastomers).

RMA synthetic rubber export numbers do not contain Schedule B Numbers 446.2000 (Reclaimed) and 446.3000 (Mixtures).

APPARENT CONSUMPTION: Figures are calculated by RMA by adding Beginning Stocks to Production and Imports, and subtracting Exports and Ending Stocks. The consumption figures for natural rubber contains International Natural Rubber Organization (INRO) stock purchases, since the amounts are not disclosed for ninety (90) days. The latest available stock figure is presented for your use should you wish to subtract it from the apparent consumption figure shown.

ENDING STOCKS: Figures are as reported to RMA with only the Butyl, Polyisoprene, Silicone, and Other Synthetic Elastomers containing an estimate based upon the U.S. Government's MA30A annual report.

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Telephone: (202) 682-4860.